

Converting Colors

XYZ(56.9147, 61.1106,
102.7109)

Have a look what the booklet for
XYZ(56.9147, 61.1106, 102.7109)
contains.

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Color

**XYZ(56.8383, 61.0815,
102.5601)**

Conversions

Conversions Part 1

Format	Color
Hex	A8D1FE
RGB	168, 209, 254
RGB Percent	66%, 82%, 100%
CMY	0.3412, 0.1804, 0.0039
CMYK	0.34, 0.18, 0.00, 0.00
HSL	211°, 98%, 83%
HSV	211°, 34%, 100%
XYZ	56.8383, 61.0815, 102.5601
YIQ	201.8710, -38.8810, 5.3030

Conversions

Conversions Part 2

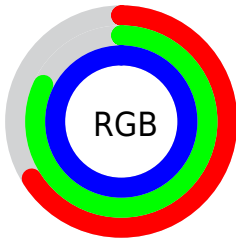
Format	Color
RYB	168, 196, 254
Decimal	11063806
CIELab	82.42, -2.99, -26.36
CIELCh	82, 26.526, 263.534
Yxy	61.0815, 0.2578, 0.2770
Android (android.graphics.Color)	4289253886 (0xFFA8D1FE)
YUV	201.8710, 25.6996, -29.7049
Hunter-Lab	78.1547, -6.9558, -23.0963

Details

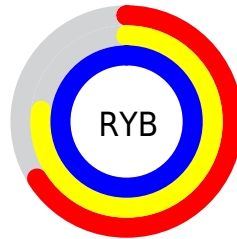
The XYZ color **56.8383, 61.0815, 102.5601** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **71.7363, 71.4875, 47.0652**, and the grayscale version is **55.9225, 58.8348, 64.0711**.

A 20% lighter version of the original color is **84.8613, 94.7476, 108.4232**, and **28.6094, 30.9846, 57.2961** is the 20% darker color. If you saturate the color by 10%, you get **48.8241, 52.3108, 101.2907**, and if you desaturate by 10%, it is **66.1845, 70.9454, 103.9725**.

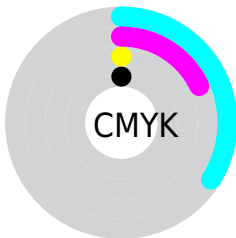
Distribution



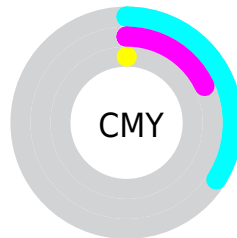
- Red (66%)
- Green (82%)
- Blue (100%)



- Red (66%)
- Yellow (77%)
- Blue (100%)



- Cyan (34%)
- Magenta (18%)
- Yellow (0%)
- Black (0%)



- Cyan (34%)
- Magenta (18%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.8383, 61.0815, 102.5601 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 56.8383, 61.0815, 102.5601 by changing the saturation by 10% instead.

■ 56.8383, 61.0815,
102.5601

■ 56.8383, 61.0815,
102.5601

402.8671,
428.5728, 589.6864

■ 41.1151, 44.2909,
77.8115

■ 99.3619, 106.3969,
166.7534

■ 28.5971, 30.8993,
57.4036

126.8930,
135.6906, 207.0352

■ 18.9190, 20.5222,
40.9179

159.0908,
169.9208, 253.3318

■ 11.7154, 12.7752,
27.9357

196.3206,
209.4718, 306.0618

■ 6.6210, 7.2739,
18.0386

238.9478,
254.7281, 365.6438

■ 3.2704, 3.6340,
10.8080

287.3377,

■ 1.2983, 1.4710,

306.0741, 432.4961

5.8253

341.8557,
363.8942, 507.0375

■ 0.1820, 0.2682,
2.6721

■ 0.0000, 0.0000,
0.9293

■ 56.8383, 61.0815,
102.5601

■ 56.8383, 61.0815,
102.5601

■ 48.8241, 52.3108,
101.2907

■ 66.1845, 70.9454,
103.9725

■ 42.0678, 44.5813,
100.1548

■ 76.9201, 81.9375,
105.5284

■ 36.4963, 37.8463,
99.1485

■ 89.1058, 94.0996,
107.2336

■ 32.0256, 32.0521,
98.2657

■ 94.8896, 99.9358,
108.0553

■ 28.5595, 27.1379,
97.4999

■ 25.9813, 23.0320,
96.8432

■ 24.7388, 20.8542,
96.4883

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



51.8211, 61.0815, 94.8745



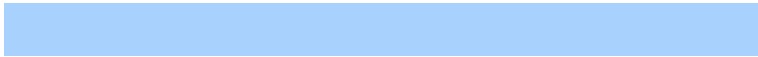
56.8383, 61.0815, 102.5601



62.5139, 61.0815, 99.3956

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



56.8383, 61.0815, 102.5601



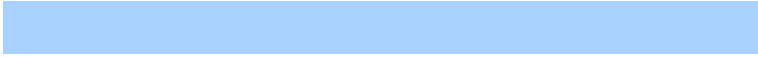
68.6238, 61.0815, 54.8153



49.7312, 61.0815, 49.6393

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



56.8383, 61.0815, 102.5601



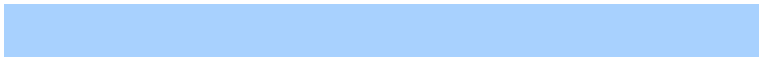
71.7363, 71.4875, 47.0652

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



53.8155, 61.0815, 41.8152



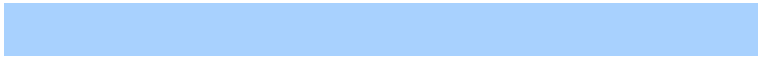
56.8383, 61.0815, 102.5601



64.7722, 61.0815, 44.4463

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



56.8383, 61.0815, 102.5601



69.5632, 61.0815, 70.0820



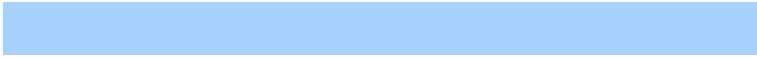
59.2912, 61.0815, 40.0815



47.8937, 61.0815, 63.0564

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



56.8383, 61.0815, 102.5601



65.8847, 61.0815, 91.7773



59.2912, 61.0815, 40.0815



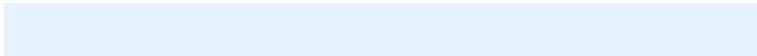
50.8736, 61.0815, 46.3622

Sweetspot

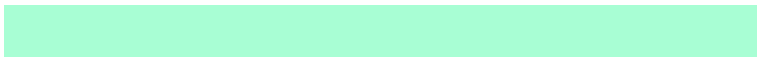
The Sweet Spot groups the original color and five complimentary colors.



56.8403, 61.0839, 102.5615



82.1731, 87.2608, 107.1198



63.5302, 83.9851, 75.4384



17.2268, 18.3149, 22.8771



0.0000, 0.0000, 0.0000



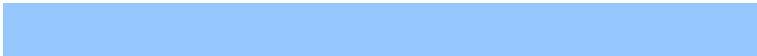
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



56.8403, 61.0839, 102.5615



51.4333, 55.1922, 102.5501



48.3491, 43.6460, 99.6432



17.7174, 18.8064, 22.9461



13.1880, 11.2856, 50.9178



1.3926, 1.3159, 4.9939

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



66.3859, 53.6814, 67.1867



62.6781, 47.4005, 60.6703



82.8613, 94.5133, 50.9233



18.3700, 18.1313, 20.5656



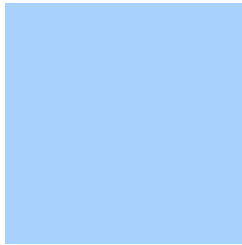
23.4449, 11.8672, 10.9932



2.3375, 1.1774, 1.3589

Previews

White Background



This preview shows how the XYZ color 56.8383, 61.0815, 102.5601 looks on a white background.

Color Contrast Check

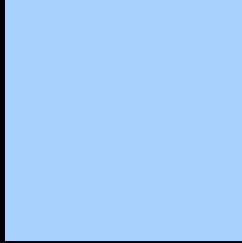
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 56.8383, 61.0815, 102.5601 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

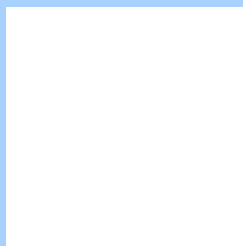
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.8383, 61.0815, 102.5601

Background



This preview shows how black text looks on a background with the XYZ color 56.8383, 61.0815, 102.5601.



This preview shows how white text looks on a background with the XYZ color 56.8383, 61.0815,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

56.8383, 61.0815, 102.5601

Protanopia

60.8594, 61.0833, 99.0251

Deuteranopia

62.2253, 60.9991, 103.1021



Tritanopia

52.9775, 60.9831, 83.8416

Trichromacy



Original Color

56.8383, 61.0815, 102.5601

Protanomaly

59.2515, 60.9420, 99.9069

Deuteranomaly

60.1364, 60.9705, 103.2067

Tritanomaly

54.4333, 61.2115, 90.6074

Monochromacy



Original Color

56.8383, 61.0815, 102.5601

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

56.1177, 59.8303, 76.9973

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.8383, 61.0815, 102.5601 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(168, 209, 254)` looks like.

```
.text, #text, p{  
    color:rgb(168, 209, 254)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(168, 209, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 209, 254) }
```

Border

The CSS property to change the border of an element to XYZ 56.8383, 61.0815, 102.5601 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(168, 209, 254) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(168, 209, 254) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(168, 209, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 209, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 209, 254);  
box-shadow:4px 4px 4px 4px rgb(168, 209,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 56.8383, 61.0815, 102.5601 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 209, 254) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(168,  
209, 254) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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